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UNITED STATES DEPARTMENT OF AGRICULTURE Agricultural Marketing Service

cooperating with

IOWA DEPARTMENT OF AGRICULTURE Division of Agricultural Statistics

assisted by

Iowa State College Extension Service

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IOWA AGRICULTURAL STATISTICS



MONTGOMERY COUNTY

* * *

County Statistical Bulletin

No. 9

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Office of the Agricultural Statistician 305 United States Court House Des Moines, Iowa

IOWA CROP AND LIVESTOCK REPORTING SERVICE Division of Agricultural Statistics Leslie M. Carl, Director

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IOWA STATE COLLEGE EXTENSION SERVICE R. K. Bliss, Director

AGRICULTURAL STATISTICS - MONTGOMERY COUNTY

County Statistical Bulletin No. 9

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FOREWORD

The Iowa Crop and Livestock Reporting Service is the Iowa unit of a nation-wide organization which is entrusted with the responsibility of operating a standard statistical service for agriculture. The Division of Agricultural Statistics is a division of the Iowa State Department of Agriculture working in cooperation withouthe Agricultural Marketing Service of the United States Department of Agriculture. The year 1939 marked the one-hundredth anniversary of the collection of statistics of agriculture in the United States.

The general program of the Iowa Crop and Livestock Reporting Service is to meet the public needs and demands for summary data of a historical nature and for current statistical information of agricultural production in Ebwa and the United States.

In recent years, there has been an increasing demand from agricultural organizations, commercial interests, teachers, legislators, and county, state and governmental agencies for agricultural data showing the trends of change in counties. Little has been done in the past to make available data for each county over an extended period of time. So urgent is the need for county data that some organizations have assembled such information at considerable cost. It is in response to these needs that this series is being issued.

The county data herein offered have been assembled from existing State and Federal documents and reports, under the supervision of Norman V. Strand, State-wide Work Projects Administration Supervisor of Agricultural Economics and Statistics projects. This is a report of work completed on Official Project 65-1.72-155 of the Work Projects Administration. Official Project 665-72-3-36 furnished the material for Tables 21 and 23.

The Iowa Agricultural Extension Service participated in the preparation of the materials in this report. Selected data from the files of the Iowa Agricultural Experiment Station have been released for publication in this series. Special credit is given to the Iowa assessors and tax officials who collect data on crops and livestocks as required under the Iowa laws. Without these data by townships and counties detailed agricultural statistics would be less accurate and less complete.

Leslie M. Carl, Director Division of Agricultural Statistics

Des Moines, Iowa August, 1940



IOWA AGRICULTURAL STATISTICS - MONTGOMERY COUNTY

Montgomery County originally belonged to the old Pottawattamie Purchase 1/2and was in the provisional county of Pottawattamie until it was established by an Act of the Iowa Legislature, January 15, 1851 2/ as a separate political unit. It was named for General Richard Montgomery of Revolutionary War fame and was formally organized by the election of its officers in 1853. The county-seat was located near the center of the county at Frankfort on July 4, 1854. By a vote of the people the seat of government was changed to Red Oak in 1863 and has remained there since. 3/

John Ross, who settled near the present site of Villisca in 1849, was the first white man to make a home in the county. The county was settled slowly at first; only 232 persons were reported in 1854. This condition remained until the Burlington and Missouri Railroad come through the county in 1869. A Swedish group, led by their pastor, Rev. Halland of Burlington, made a settlement at Holmstad 4/ also in 1869 (this name was later changed to Stanton). These two events increased the population materially and in the peak year 1900 there were 17,803 persons living in the county.

An interesting relic of by-gone days is the beaver dam and colony near Grant -- the only one in the State. 5/

Area

This county is 18 miles wide by 24 miles long embracing 424 square miles 6/ or 271,360 acres of which 264,830 are listed as farm lands. 7/ There are 12 townships which coincide with the Congressional townships and it ranks 65 in point of size in the State.

Soils

The soils of Montgomery County have been grouped into four classes according to their location and origin; namely, drift, loess, terrace and swamp and bottom land. The drift soil comprises 3.8 per cent of the entire surface and has but one type, the Shelby silt loam. The loess soils take up 66.2 per cent of the total and are divided into Marshall silt loam--66.1 per cent, and Knox fine sand--0.1 per cent. The terrace soils cover 2.1 per cent of the surface and are divided into Waukesha silt loam--1.9 per cent, and Hancock silt loam--0.1 per cent. The swamp and bottom land soils cover 27.9 per cent of the county and are divided into Wabash silt loam, and Wabash silt loam colluvial phase --27.1 per cent and Wabash silty clay loam--0.8 per cent. 8/

- 1/ Iowa Historical and Comparative Census. 1836-1880. p. 412.
- 2/ Laws of Iowa--First to Fourth General Assembly. 1846-1853. Reprint 1913. Section 5. p. 507.
- 3/ Gue, B. F., History of Iowa. Century History Co., New York City, 1903. Vob. III, p. 391.
- 4/ History of Montgomery County. W. W. Merritt. Sr.-Express Pub. Co., Red Oak, Iowa. 1906. p/ 317.
- 5/ Iowa, A Guide to the Hawkeye State. The Viking Press, New York City, 1938. p. 415.
- 6/ Fifteenth Census of the U.S. 1930. Populations. Vol. I, pp. 362-363. 7/ U.S. Census of Agriculture. Iowa. 1935. p. 15.
- 8/ Soil Survey of Iowa, Montgomery County. Report #13. July, 1920. Agricultural Experiment Station, Ames, Iowa. pp. 8-9.



Topography

The upland of Montgomery County is, in general, a gently undulating plain cut by the rather shallow valleys of the larger streams and their tributaries. Along the Middle Nodaway and West Nodaway Rivers and Seven Mile Creek the surface is rough and broken, and the slopes are steep and irregular. Small areas of this rough land are found on the east of the Nishnabotna, just north of Stennett, and along the east side of Tarkio Creek, just before it leaves the county. These rough areas extend back from the streams from one-half to three miles where they merge with the gently undulating upland. The hills are smooth and rounded, the slopes gentle and uniform and the landscape, in general, has a gently rolling appearance. The ridges and valleys are nearly parallel and extend approximately from north to south. Drainage is provided by the East Nishnabotna, West Nodaway and Middle Nodaway Rivers, and Seven Mile, Tarkio, Walnut and Indian Creeks and their tributaries. 9/

Climate

The average temperature of Montgomery County for the ten years between 1930 and 1939 inclusive was 49.7 degrees. 10/ The average precipitation for the 59 years between 1872 and 1930 was 30.77 inches and the growing season averaged 158 days between the killing frost dates of April 29 and October 4 averaged for 11 years—1893 to 1904 inclusive. 11/

Population

The Federal Census of 1930 gives this county a total population of 16,752, a loss of 296 from the 1920 census. The density of population is 40 per square mile, compared with the State density of 44. The following table shows the census data at ten year periods:

Year	<u>Inhabitants</u>	<u>Urban</u>	Rural
1860	1,256		
1870	5 , 934		
1880	15,985	and and one gas	
1890	15,848	and and and are	
1900	17,805	7,646	10,157
1910	16,604	8,227	g,337
1920	17,048 12/	9,476 13/	7,572
1930	$16,752 \overline{14}/$	9,415	7,337
1935	ding the date that the	pa	6,997 <u>15</u> /

9/ Ibid. pp. 7-8.

12/ Census of Iowa. 1925. pp. 712-713.

13/ Ibid. pp. 925 et seq.

^{10/} Unpublished data: U.S. Weather Bureau. Chas. D. Reed. Sr. Mcteorologist, Des Moines, Iowa.

^{11/} Climatic Summary of the U.S. No. 50. Western Iowa. pp. 17-19.

^{14/} Iowa Official Register. 1937-1938. p. 368 et seq. 15/ U.S. Census of Agriculture. Iowa. 1935. p. 15.



The foreign born and native white of foreign born or mixed parentage content of the population of this county in 1930 was 4,585. Those of Swedish descent had 2,828, the Germans 461 and other nationalities very small numbers. 16/

Cooperatives

In 1937 there were six cooperative institutions operating in this county—two elevators, one livestock enterprise, two petroleum plants and one merchandise establishment.

As a whole they had 909 members of which 675 were active, and 2,400 persons did business with the six concerns. The selling cooperatives had a business volume of \$1,132,658 and the purchasing cooperatives did \$409,126 worth of business.

Cooperatives may both buy and sell or they may perform one or the other function exclusively. Purchasing cooperatives buy non-farm commodities for distribution to their members and patrons, and the selling cooperatives market farm commodities for their members and patrons. 17/

Fruit

Apples have always been the leading fruit crop in this county. The 1909 report shows the largest returns--72,537 trees were listed with a production of 119,980 bushels in this year. In the 1934 report 7,838 trees were listed as having a production of 1,326 bushels. Peaches had a listing of 7,885 trees and 42 bushels in 1909; in 1934 there were 5,028 trees and 2,107 bushels. Plum and cherry tree numbers have been fairly constant. The largest report on grapes was made in 1884 when 33,464 vines producing 156,300 pounds were listed.

^{16/} Fifteenth Census of the U.S. 1930. Vol. III, Part 1, Tables 18-19.
17/ Unpublished data from: Omaha Farm Credit Administration and Iowa State College.

^{18/} State Census Reports for 1874-1884-1894 and Federal Census Reports for 1909 and 1934.



Note Regarding Yields of Corn

The arop assessors' statistical breakdown for corn acreage is as follows: (1) all corn, (2) corn husked for grain, (3) corn cut for silage, (4) corn cut for fodder and (5) corn hogged off. A total production is given for each farm which includes only that actually husked. In getting county totals of production the acreage other than that husked is multiplied by the yield (derived by dividing total bushels corn husked by total acres husked) and added to summations of individual farm productions shown as husked. This assumes that acreage not husked would have produced the same yield as that actually husked.

In 1934 and 1936, both poor crop years, separate estimations of corn yield on acreage not husked were made by the state assessors! office because it was felt that farmers in those years would select their best acreages for husking and cut or hog off the rest, which would have a different and lower yield. This separate yield estimation was then multiplied by the acreage not husked and the total added to that reported as husked.

This was done by counties only and not by townships. The township yields for these two years then, are somewhat high since they are based on acreage husked for grain and bushels husked, only. The total corn acreage is shown by township with this yield and any attempt to multiply it by the acreage shown to get total production will result in a too high figure. The county summary table figures for corn yield in 1934 and 1936 have been adjusted for poorer yields on that acreage not husked and these yields may legitimately be multiplied by the acreages shown there to arrive at total productions for the county.

In all other years actual township productions may be derived from the yield and acreage figures shown in the tables since corn yield has been assumed to be equal in all utilizations. The county yield and township yields are therefore consistent in all years except 1934 and 1936.



TABLE 1 LAND UTILIZATION AND YIELDS, 1929-38 County Summary

						COR	N	T	0.	ATS		WIN. W	HEAT	В	ARLE	ΣΥ
Year	No. Farms	Acres		Ave. Farm Size	Acr		Ave Yld	- 1	Acr	es	Ave. Yld.	Acres	Ave. Yld.	Acr		Ave. Yld.
1929	1557	2654		171	100	1	42	- 1	285		28	16085	19	1	42	23
1930	1609	262		163	103		36	- 1	323		32	12577	21		67	27
1931	1581	262		166		569	35		308		32 32	9171 7254	24 18		215	23
1932	1591	261		164		228	47 40		325 346		32 17	6814	21		885	16
1933 1934	1612 1621	263 261		163 161	108	495	40	- 1	216	1	12	15306	19		361	7
1935	1592	261	1	165		111	32	t	340		28	19398	16	1	19	19
1936	1605	261		163		538	9,		248		22	20345	24	Į.	34	19
1937	1587	262		165		208	37	- 1	234		43	35455	16	. 8	34	30
1938	1581	262		166		915	37	1	267		33	25270	16	15	81	29
10 Yr. Ave.	1594	262	519	165	98	931	33	3	289	58	28_	16768	19	15	51	23
		RYE		SO	YBEA	NS			GR	ASS	SEED		Ţ	TAME		
Year	Acre		Ave. Yld.	Acre		Ave Yld	. 1	Acre	es	Als. Ac	l & .Clo. res*	Acres	1	res*	A c	Tame Hay cres
1929	27		13	12		17		140			778	6	80			7093
1930	19		16	19		15		214			505	20	739			6035
1931	11		16	36		14		234			378	21	70° 66°		l	4876 2139
1932		8	14 17	29 63		17 18		19			253 633 [*]	5 76	734		ŧ.	8148
1933 1934	14 46		10	106		10		3			385	233	974		1	9693
1935	286		16	213		13		99			43	52	109			0899
1936	111		15	89		10		5			78	113	1119			2980
1937	193	1	21	51		12		18	1		1	143	994	40	1	7148
1938	94		17	78	3	16	,	6	6		98	729	734	12	1	7264
10 Yr. Ave.	81	.2	17	.70	0	13	5	21	3	13	315	140	85	64	2	2628
						All						Lots	***********			dle
Year	Wil		ł .	All	1	ther	1				for	1	Wast	e-		rop
Tear	Hay			sture		rops			g hwa	•	i i	only	land			and
	Acr			cres	F	cres			Acre			res	Acre	S		cres
1929	21		l .	0901		778			1353		1	17	1856			011
1930	22		1	7207		814			1287			010	2845			216
1931	19		i	8113 6118		766 757			1307 1351		4	366 368	2414 2415			241 695
1932 1933	27		1	3853		404			1297			371	2410			430
1934	24		1	4319		654			1294		1	295	2309			154
1935	20			1878		1979			1330		3	358	2615			171
1936	17			0547		812		1	1387			301	2407			652
1937	22	20	6	7326		1296			1347			780	3493		4	039
1938	16	32	6	9948		1981	L		1418	39	4	154	366 1		4	9 7 7
10 Yr. Ave.	21	L6	7	0021		1024	1-		1337	76	6	882	2642		3	859

¹⁰ Yr. Ave. Acres - Spring Wheat 124 Flaxseed 19 Popcorn 62 Source: Iowa Department of Agricultum (Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

^{*}Included in "All Tame Hay". Source: Iowa Department of Agriculture

TABLE 2
ACREAGE AND YIELDS OF HAY
County Summary

	Mixe Clover_&T		Alfal	fa	Wild H	ay	All Tame	Hay
Year	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre
1929	2921	1.79	8072	2.83	216	1.50	27093	2.26
1930	4063	1,42	7397	2.93	223	1.47	26035	1.89
1931	2637	•93	7077	1.82	192	1.36	24876	1.23
1932	1860	1.25	6616	2.56	276	1.70	22139	1.62
1933	18376	1.08	7349	2.55	247	.80	28148	1.45
1934	4912	. 25	9748	1.25	246	.50	19693	.80
1935	2390	1.22	10910	2.30	204	1.25	20899	1.80
1936	8693	.90	11190	1.50	177	•75	22980	1.17
1937	1523	.70	9940	1.15	220	.85	17148	1.16
1938	1306	1,00	7342	1.80	162	1.30	17264	1.51
					-			
10 Yr. Ave.	4868	1.03	8564	2.01	216	1.15	22628	1.52

Source: Division of Agricultural Statistics.
Iowa Department of Agriculture.

												,			
						CORN		0,4	TS		WIN. W	TATH		B.A.	RLEY
Year	No. Farms	i	reage in arms	Ave. Farm Size		res A	ve. 1d.	Acres		Ave.	Acres	٨٠٠٠	I AUI	res	Ave, Yld.
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	109 104 105 105 110 110 111 102 100 104	20 20 20 20 20 20	1336 0968 0864 0120 0465 0431 0486 0020 0403	196 202 199 192 186 186 185 196 204	78 7 7 5 5 6 5 6	259 048 722 161 171 795 235 840 202	36 36 34 45 9 32 38	2317 2487 2461 2553 2593 1493 2701 1849 1630	3 1 2 3 3 3 3 3 3 3 3 3	20 31 30 30 17 11 25 21 38 32	1433 1102 707 418 482 1467 1777 1862 2329	21 22 15 16 21 15 21 14 17	13 21 25 9 7	75 19 19 19 19 19 19 19 19 19 19 19 19 19	15 19 30 22 11 7 21 22 27 25
10 Yr. Av	106		0532	194			<u> 36</u>	2202		26	1366		13		19
Year	Acre	RYE es	Ave.	SOYBEAN		S Ave. Yld.	Ti:		Re Us	SEED ed & .Clo. res*	Sweet Clover Acres	Alfa	ME E lfa es*	All	Tame Hay cres
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	11 21 38 41 26	L - + + 35 L	8 10 - 7 9 40 22	13 6 41 5 56 244 36 15		7 23 18 8 10 7 6		17 32 7 26 - 100 14 20	1	550 170 172 35 - 22	2 - - 5 - - 33	5 4 3 3 2 4 6 5 3	59 32 93 02 39 03 95 95		1991 1863 1860 1665 2086 1006 1374 1610 1220
10 Yr. Ave	• 22	2	16	42	,	9		22	1	<u> 35</u>	4	14	12		1596
Year		ld ay res	Pas	ull sture eres		All Other Crops Acres	F	Acres	ots, ays	for ber	res	Waste land Acres	_	:	Idle Crop Land Acres
1929 1930 1931 1932 1933 1934 1935 1936 1937				7166 6614 6152 6353 6324 8167 7000 7216 7930 7170	166 614 152 353 324 167 000 216			919 673 675 972 978 980 1165 891 985 1265		1	53 86 81 25 59 - 40 21 18	45 618 607 107 112 50 24 21 54			373 14 - 394 1929 52 67 136 129
10 Yr. Av	ė. ()		7009		14		950		ļ	78	164			309

10 Yr. Ave. Acres - Spring Wheat 6 *Included in "All Tame Hay".

Popcorn 1 Flaxseed 0 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 4 LAND UTILIZATION AND YIELDS

East Township

1															
		Acre	2.00	Ave.		CORN		0	AIS		WIN. W	HEAT		BAR	LEY
Year	No. Farms	Acre in Far		Farm Size	Ac	res	Ave Yld		es	Ave.	Acres	Ave.	Ac:	res	Ave. Yld,
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	128 139 137 127 145 135 128 145 154 136	204 203 205 204 206 202 198 199 203	82 86 56 74 89 68 38	160 147 150 161 143 150 155 138 132 158	7775	5721 5903 7439 7746 7154 5668 5817 5398 5572 5709	40 30 30 40 47 6 34 10 36 30	14 16 18 17 20 6 13 16	97 30 94 54 23 46 73	24 32 32 19 6 26 18 31 32	872 786 477 507 647 967 1462 1291 2891 2096	21 24 28 18 19 21 19 24 14	56 56 51	81 64 66 66 66 45 45 23 69	21 29 29 22 16 16 30 19 43
10 Yr. Ave	· 137	204	46	149	6	613	34	15	56	27	1200	19		68	5,4
Year	Acre	5 1	Ave.	SOY:		Ave		mothy	Re Als		Sweet Clover	Alfal		1	Tame ay
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	1	3 5 3 5 3 6 7 9 6	Y1d. 13 - 20 20 18 9 17 14 25 18	31 18 65 65 151 278 15 150	4 5 5 5 7 8	Y1d 10 19 23 14 26 7 15 24 11 19	A. c	38 17 65 11 - 34 36 6	.Ac	res* 269 163 26 40 329 60 18	<u>Acres</u>	Acre 634 536 581 494 429 659 761 827 721 500	es* 	Ac 1 2 1 1 2 1 1 2 1 1 2 1	res 964 048 776 695 330 470 693 028 374 363
10 Yr. Ave.	7	9	18	91		16		20		92	21	614	<u> </u>	1	774
Year		ild Hay cres	Pa:	All sture cres		All Othe Crops	r F	Bldgs. eed Lo Highwa Acres	ts, ys	for ber	Lots Tim-	Waste land Acres		C L .A	dle rop and cres
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938				7169 7067 6772 6103 6216 7850 6909 6189 6329		22 44 15 6 7 75 2 63 145		1001 956 1056 1093 998 954 947 1099 1019		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	.06 .11 .75 .76 .39 .77 .70 .30 .258	258 328 451 422 390 483 427 359 457 657		1	461 43 - 67 63 915 468 627 628 205
10 Yr. Ave		ુર્		6758		38		1024]	.36	423			448

¹⁰ Yr. Ave. Acres - Spring Wheat 0 *Included in "All Tame Hay".

Popcorn 7 Flaxseed 0 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 5 LAND UTILIZATION AND YIELDS

Frankfort Township

												ankror.			
				Ave.		CORI	1	0.	ATS		WIN.	VHEAT.]	BARL	EY
Year	No. Farms		eages Farms	Farm Size	Ac	res	Ave	ľ	es	Ave.	Acres	Ave. Yld.	Acı	res	Ave.
1929 1930 1931 1932 1933 1934 1935 1936 1937	132 135 130 131 130 133 131 130 130	22 22 22 21 21 21 21	2405 2301 2406 2354 2329 759 749 132 2777 201	170 165 172 171 172 164 166 163 160 163	91 95 98 93 72 73 79	257 25 516 610 682 607 647 600 627	40 38 38 44 48 8 36 11 40 43	3199 324 3329 3529 3659 247 3238 2520 2510 2531	6 9 9 4 8 6 6 6	29 33 32 31 17 13 24 24 47 35	1147 751 647 635 576 1352 1692 1628 2777	18 20 26 16 23 23 16 22 16	68 52 93 103 46 8 22 17 42	3 3 3 3 7 7	26 22 20 21 14 5 18 22 28 30
10 Yr.Ave.	131	21	841	166	84	57	38	2980	5	28	1318	19	47	,	22
	R	YE		202	/BEA	INS			GRAS	SS SI	EED	Ţ	'AME	HAY	
Year	Acre		Ave.		Acres Av				Re Als	ed &	Sweet Clover	Alfa		I	Tame Iay cres
1929 1930 1931 1932 1933		1	14 10 12 -	10	Y			15	1.	60 48 77	13 13 14 14 15	580 483 484 378 596	3 1 3 3	2 2 2 2 2	830 664 571 262 746
1934 1935 1936 1937 1938	11 149 60 185	9 0 5	10 15 23 16 18	27 72 38 26 66	;	5 19 9 13 16		224 20 28		34 5 - 20	5 - 6 66	705 784 798 739 490	<u>1</u> 3	1 2 1	361 978 183 670 738
10 Yr.Ave.	57	7	16	24		14		29	_10	04	8	604	<u> </u>	2	300
Year	Wil Hay Acr	r es	Pas Ac	ll ture res	(All Other Crops Acres		eed Lo Highwa Ac r e	ts, ys	for ber	l Lots Tim- only cres	Waste land Acres		C	dle rop and cres
1929 1930 1931 1932 1933 1954 1935	21 30 9 29 49 34))) }	5 4 4 4 5 5	924 194 896 920 661 456 328				1509 1191 1315 1246 1210 1085 1081				20			10 717 429
1936 1937 1938 10 Yr.Ave	12 12 15	3	4	134 205 885 960		6 190 229 54		1107 1027 1060 1163	,	-	10 -	6 119 237 46			503 472 569 370

10 Yr. Ave. Acres - Spring Wheat 1 *Included In "All Tame Hay".

Flaxseed 1 Popcorn 0 Source: Iowa Department of Agriculture

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

					C	ORN			TAC	S	WIN. W	HEAT	I	BARLI	EY
Year	No. Farms	i:	eage n rms	Ave. Farm Size	Ac	TEDI	Ave. Yld.	Acre	s	Ave.	.Acres	Ave.	Ac	res	Ave. Yld.
1929 1930 1931 1932 1933 1934 1935 1936 1937	97 96 100 100 103 100 99 105 96 95	22 22 22 21 22 22 22	272 5584 5588 3749 39342 5542 5542	230 235 226 227 217 219 226 210 235 237	99997799	577 043 836 932 553 675 981 508 062	43 42 39 49 4 27 10 35 31	227 253 240 280 255 206 326 197 207 239	1 1 7 7 7 4 8 1	28 35 31 32 17 12 30 22 42 29	1691 1285 791 532 369 927 1292 1518 2995 2206	18 19 19 18 18 15 25 19	10	4 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 23 29 22 19 16 10 17 21 30
10 Yr. Ave.	. 99	22	349	226	9	005	36	243	+	28	1361	18	f	57	24
Year	Acres	- 1	Ave.	Acres		EANS Ave. Yld.	Ti	mothy cres	Re Als	S SEE ed & •Clo•	Sweet Clover	Alfa	lfa	I	Tame Hay
1929 1930 1931 1932 1933 1934 1935 1936 1937	25 16 12 64 374 150 258 106		24 8 13 13 16 23	5 29 15 173 52 19		6 19 7 11 11		20 6 20 1 - 69 24 35 13	1	res* 458 476 373 262 314 - 26	Acres 4	9 9 7 9 11 12 12		23 22 23 15 26 17 18	res 394 251 179 950 668 731 730 337 564
10 Yr Ave.	100		18	29	_	12	<u> </u>	19		191	9	10	24		955
Year	Wild Hay Acre	7	Pas			All Other Orops Acres	Fo H	ldgs. ed Lo ighwa; Acres	ts,	for ber	Lots Tim- only res	Waste land Acres		Ci	ile cop end cres
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1000	Pasture Acres 5597 6133 6022 5564 5909 7711 6067 5097 4505 4967		52 69 30. 62 44 36 125 111 111 350		1262 1152 1173 1283 1130 1106 1060 1181 1071 1120				92 410 488		5 1 1	202 24 583 199 490 421
10 Yr. Ave.	0		F	5767		99		1154			2	99			261

10 Yr. Ave. Acres - Spring Wheat 8 *Included in "All Tame Hay".

Popcorn 3 Flaxseed 1 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics. *Included in "All Tame Hay".

TABLE 7 LAND UTILIZATION AND YIELDS

Grant Township

											(71)	ant To	MIIPII	.r.b	
						CORN		OA	TS		WIN. V	ИЕАТ	В	ARLE	TY .
Year	No. Farms		eages Farms	Ave. Farm Size	Ac:		ve.	Acre	- 1	Ave. Yld.	Acres	Ave a	I	es	Ave.
1929 1930 1931	114 118 119 119	20 19	721 013 628 954	173 170 165			44 34 35 36	2373 2950 2489 2742	5	31 32 38 ₍ 35	871 691 558 239	24 26 29 17	11 14 20	:2	29 32 27 23
1932 1933 1934 1935	117 118 117	19 19 20	793 734 069	168 169 167 172	85 67 70	33 55	48 6 34	2893 1848 2851	3	19 12 33	159 821 1166	24 19 17	1	.3	14 - 28
1936 1937 1938 19 Yr.Ave	114 114 115	19 19	568 956 656 807	172 175 171	73 68	11	11 41 41	2164 1876 2049	5	29 49 35	1427 2572 1904	28 18 18	5	.9 .9 .6	19 35 32 27
10 11 .AV		RYE	007	170	784 V PEA		37 	2423		31 SEF	1041 D	21_		E IIA	
Year	Acre		Ave.	Acres		Ave.			Re Als	d. &	Sweet Clover	· Alfe		All E	Tame lay
1929 1930 1931 1932	20 2 30	2 4	14 25 22 13			12 15		7 12 5	5	11 - 67		52 54 47 52	£2 ′6	1	.145 .977 .751 .637
1933 1934 1935 1936	34 112 30* 115	1 2 7	14 10 14 16	59 16 196 97		15 5 13		- 22	4	16 29 -	8 -	68 82 98	36 22 32	1 1	320 490 72 1
1937 1938 10 Yr.Ave	17'	7	18 24 16	33 55 49		11 13 22		*** ***		16	67	96 105 72	66 24	1	997 530 542
10 11.17.0			10	(19	<u> </u>	14 All		5 D1 da		04	d Lots	73	1		811 le
Year	Wil Haj Acr	7	Pas	all sture eres	(Other Crops Acres		Feed I	ots ys	for ber		Waat land Acre		Cr La	op nd res
1929 1930 1931 1932	16 26 35 52	S 5 2	4	994 809 7 38 630		46 3] 61 70		1087 1042 1154 1031		-	- 11 5	71 3 - 40			5 5
1933 1934 1935 1936 1937	33 23 29 54 64	3) 1.	5 5 4	4634 5615 5160 4484 4750		14 28 201 74 36		985 992 1141 1224 1214		3	- 24 53	16 61 10 77			056 146 225 186
1938 10 Yr.Av	3.6 e. 37			5275 909		94 66		1124 1099			4 10	5 <u>4</u> 33			515 313

10 Yr. Ave. Acres - Spring Wheat 0 *Included in "All Tame Hay".

Flaxseed .5 Popcorn 0 Source: Iowa Department of Agriculture

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

		Acr	eage	Ave.	(CORN		O.A	TS		WIN. WE	EAT		BAR	LEY
Year	No. Farms	i		Farm Size	Acı	res	Ave.	Acre	s	Ave.	Acres	Ave. Yld.	Ac	res	Ave.
1929 1930 1931 1932 1933 1934 1935 1936 1937	115 120 117 127 129 127 119 122 118 121	22 22 22 22 22 22 22 22	134 047 514 793 724 775 789 787 784 788	192 184 179 176 179 192 187 193	102 111 109 87 87 96	258	44 35 37 51 46 29 8 38 37	239 291 262 276 302 193 335 262 230 260	44375646	30 26 32 28 15 11 28 19 43 30	1601 1172 760 923 749 1605 1769 1866 3487 1656	17 19 19 17 16 15 13 22 16	1 1 1 1 2 1 1	25 07 61 47 23 52 47 04 13	19 21 22 22 16 7 17 17 28 28
O Yr. Ave	.122	22	514	185	98	375	36	265	5	26	1559	16	1	74	21
Year	Acre		Ave.	SOYBEA Acres		Ave. Yld.		4.7	Re Als	SEET d & .Clo.	Sweet	Alfal	f _a	H	Y Tame ay res
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	10 8 4 - 13 68 274 151 219		10 8 8 - 14 11 15 13 20 12	****		20 11 5 11 11 10 9		60 48 42 10 - 78 - 42	1	20 22 87 77 77 298 - 20 14 -	31 -20 55 130	50 51 47 51 53 61 75 77 78 62	14 76 16 99 42	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	760 837 769 614 874 586 391 653 236
10 Yr. Ave.	86		15	82		10	1	28		65	24	61	0		591
Year	Ac	ay res	Pas	All sture cres		All Other Crops Acres	Fe H	Acres	ts, ys	for ber	Lots Tim-	Waste land Acres	.	T: C:	dle rop and cres
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938		32 35 35 36 33 33 35 19 27		+850 +574 +845 +411 +274 5055 +802 +974 +274 +994		58 8 27 50 64 46 117 14 40		1106 985 963 1059 1063 1071 1057 1063 1105		1 1 2	7 3 6 8 2 0 4 4	114 33 20 173 168 83 170 136 145 141			91 96 - 99 220 2171 420 369 390 745
10 Yr. Ave.		32)	+705		57		1059			9	118			460

10 Yr. Ave. Acres - Spring Wheat 13 *Included in "All Tame Hay".

Popcorn 4 Flaxseed 1 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

					CORN		O.A	TS		WIN.	VHEAT		BA	RLEY
Year	No. Farms	Acreag in Farms	Ave. Farm Size		res	Ave.	Acre	s .	Ave.	Acres	Ave,		res	Ave.
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	120 124 115 116 131 127 127 123 118	22813 22581 22020 21904 22592 22439 22706 22707 22762 22189	190 182 191 189 195 171 179 179 185	8 9 9 6 7 8 7	505 846 642 330 171 899 320 416 965 673	39 39 51 39 35 35 38 38	301 317 289 320 351 256 357 214 225 262	3 1 3 5 5 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	31 34 32 19 14 27 24 45 36	1925 1693 1056 944 1150 1794 1999 2378 3841 2618	20 22 24 21 22 22 17 25 16 16	2º 2º 1º 10	05 58 62 93 81 81 74	25 27 27 21 13 7 20 11 36 34
10 Yr. Ave.	122	22471	185	<u></u> g	277	38	289	7	29	1940	20	1	64	23
Year	Acres	RYE Ave	Acre		Ave.	i	GF nothy eres	Re Als	SEEI d & .Clo res*	Sweet Clover Acres	Alfa	lfa		Y Tame Hay res
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	89 74 26 6 22 230 61 127 151	15 22 11 20 25 6 14 10 26	60 70 149 66 90 127 159 202 141)	19 20 12 15 24 7 19 10 12		10 67 38 48 - 20 220 - 15	1	70 54 80 12 49 83	20 	619 563 399 356 633 78 78 550	9 3 1 9 8 4 7 7	2 2 2 2 2 1 1 2	299 362 482 007 325 657 726 051 410 545
10 Yr.Ave.	79	17	116	2	15		43	<u> </u>	55	18	57	8	1	986
Year	Will Ha	ay P	All asture Acres		All Other Crops Acres	₽e	aldgs. eed Lo Tighwa Acres	ots, ays	for	l Lots r Tim- r only cres	Waste land Acres	-	C	dle rop and cres
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938		4 9 17 24 12 17 16 12	5093 4627 5235 4597 4888 6046 5897 5999 5749 5932		93 101 52 192 86 17 73 6		127 ¹ 127 ⁵ 116 ⁵ 119 ¹ 1033 1116 1147 1149 1133	1 1 3 7 9		18	40 6 - 141 8 25			202 - 5 - 139 1888 232 190 91 61
10 Yr. Ave.		<u> 12 </u> es - S	5406 pring W	200+	<u>66</u> 38		1161			2 led in	<u>23</u> "All T		TT 15	281

10 Yr, Ave. Acres - Spring Wheat 38 *Included in "All Tame Hay".

Popcorn 0 Flaxseed 5 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 10 LAND UTILIZATION AND YIELDS

Red Oak Township

					CORI	1		DATS		WIN. 1	TAZHV	B	ARLE	Y
No. Farms			Ave. Farm Size	Acı	res			es	Ave.	Acres	1 3	Acr	es	Ave.
146 160 166 156 168 163 157 157	200 200 190 200 200 200 200	079 317 790 300 962 675 429	138 125 122 127 121 122 132 130 125	78 83 82 80 65 69 74 69	36 82 35 80 61 03 25 47	42 37 36 48 46 7 28 10 36	185 218 214 216 233 162 272 160 146	4 2 9 5 9 2 2 9	30 33 31 16 13 28 22 46	1126 1528 1600 2271	19 21 25 18 22 20 16 23 18	21 20 15 11 5 7 6	.6 01 52 .1 .58 76 52	28 26 30 28 12 11 22 10 34
														35
159	20.	158	127	75	07	36	197	2	28	1212	19	12	30	25
I	RYE		SO	YBE	AMS		G.				T	AME		
Acre			Acres					Als	.Clc	Clover			H	Tame Iay eres
203 45 203 103 145 55	14 55 11 12 77 73 14 15	15 25 12 19 19 11 15 12 19	10 10 40 51 46 38 12 11		15 18 20 18 3 15 11 11		16 17 22 - 55 4	1	34 35 213 - - 9	20	76 69 74 84 106 122 125 123 73	6 8 3 3 8 1	2 1 1 2 1 1 1 1	968 6040 667 723 377 679 888 990 697 350
. 60		16	27					<u> </u>	-		93	2		838
Hay	7	Pas	ture	(Other Crops	s	eed Lo	ots, ays	for ber	Tim- only	land		Cr La	le op nd res
6 2 6 5 3 4 3		4 4 5 4 6 5 5 5 5	762 961 050 898 476 308 244 282 323		369 407 429 287 104 287 377 331 152 282		1267 1230 1173 1148 1110 1107 1174 980 1103	7 0 3 3 3 3 7 1 1	:	30 109 25	432 544 294 331 260 223 286 269 253 396 329		1 6 1 6 4 5	56 36 66 62 83 84 74 10 63 38
	Farms 146 160 166 156 168 163 157 157 159 160 159 Acre 4 203 103 149 58 6 6 7 2 4 5 5 3 4	Farms in F 146 20 160 20 166 20 156 19 168 20 157 20 157 20 159 19 160 20 RYE Acres 2 4 5 11 21 47 203 101 149 55 6 2 6 5 3 4	Farms in Farms 146 20177 160 20079 166 20317 156 19790 168 20300 163 19962 157 20675 157 20429 159 19797 160 20053 159 20158 RYE Acres Ave. Yld. 2 15 4 25 5 12 11 19 21 19 47 11 205 15 101 12 149 19 55 18 160 16 16 16 16 16 16 1	Farms in Farms Farm Size 146	Farms in Farms Farm Size 146 20177 138 75 160 20079 125 78 166 20317 122 83 156 19790 127 82 168 20300 121 80 163 19962 122 65 157 20675 132 69 157 20429 130 74 159 19797 125 69 160 20053 125 70 159 20158 127 75 RYE	No. Acreages Farm Size Acres Farm Size	Farms in Farms Farm Acres Ave Y1d	No. Acreages In Farms Farm Size Acres Ave. Farm Size Acres Ave. Yld. Acres 146 20177 138 7571 42 185 160 20079 125 7836 37 218 166 20317 122 8382 36 214 156 19790 127 8235 48 216 168 20300 121 8080 46 233 163 19962 122 6561 7 162 157 20675 132 6903 28 272 157 20429 130 7425 10 160 159 19797 125 6947 36 146 160 20053 125 7084 35 161 159 20158 127 7507 36 197 159 20158 127 7507 36 197 159 20158 127 7507 36 197 159 20158 127 7507 36 197 11 19 40 20 22 21 19 51 18 - 47 11 46 3 - 203 15 38 15 55 101 12 12 11 4 44 49 19 11 11 - 255 18 54 15 5 5 18 17 19 40 20 22 11 4 44 149 19 11 11 - 255 18 54 15 5 5 18 47 10 46 3 - 203 15 38 15 55 18 54 15 5 5 18 17 10 12 12 11 4 149 19 11 11 - 255 18 54 15 5 5 18 17 10 10 10 10 12 12 11 4 12 11 4 12 11 4 12 12	No. Acreages Farms in Farms Farm Size Acres Ave. Acres Yld.	No. Acreages Farm Size Acres Ave. Acres Ave. Yid.	No. Acreages Farm Size Ave. Acres Acr	No. Acreages Farm Farm Size Ave. Acres Ave. Yld. Yld	No. Acreages Farm Size Acres Ave. Acres Ac	No. Acreages Ave. Farm Size Ave. Acres Acres

10 Yr. Ave. Acres - Spring Wheat 7 *Included in "All Tame Hay".

Flaxseed 0 Popcorn 9 Source: Iowa Department of Agriculture

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 11 LAND UTILIZATION AND YIELDS

Scott Township

					(CORN		0	ATS		WIN.	NHEAT		B.AR	LEY
Year	No. Farms	i	eage n rms	Ave. Farm Size	A		lve.	Acre	ນ !	Ave.	Acres	Ave.	Ac	res	Ave. Yld.
1929 1930 1931 1932 1933 1934 1935 1936 1937	141 153 148 149 149 149 151 138 137	220 210 210 210 210 210 210 210 210	066 013 974 996 927 923 462 038 911	156 144 148 148 147 146 142 160 160	8 8 8 9 9	7914 3459 3836 3946 3683 6858 6844 7973 7825	42 33 37 48 48 8 36 11 44 38	233 294 280 289 303 200 272 221 236 249	7 3 1 6 1 5 2 6	29 32 34 34 17 10 27 22 45 33	916 475 312 407 171 825 1214 1298 2279 1487	17 20 26 17 19 20 13 26 16 15	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	01 95 30 75 85 01 65 68 10	24 31 32 25 17 6 25 23 31 29
10 Yr.Ave.	145	219	913	151	8	3020	38	258	0	29	938	18	1	48	25
		RYE			3077	BEANS		GR		SHELL			T.MI	ANTE HAY	
Year	Acre	s	Ave. Yld.	Acres	3	Ave. Yld.		othy res	Als	d & .Clo. res*	Sweet Clover Acres		alfa res*		Tame Hay res
1929 1930 1931 1932 1933 1934 1935 1936 1937	8 -11 -12 11 251 59 200 30		13 - 24 - 23 7 15 19 21	10 5 42 138 144 86 55 22		27 12 18 3 13 10 14		2 17 90 8 7		668 281 12 34 300 24 	37 - 2 46	56 56 56 85 90	13 65 63 60 69 34 57 60 13	2 2 2 1 2 2 2 2 2	735 370 142 840 581 040 093 063 396 574
10 Yr. Ave	. 58		17	50		10		12		136	g	66	54	2	083
Year	Wil Ha Acr	У	Pa	All sture cres	(All ther Crops Acres	Fe	ldgs. ed Lo ighwa Acres	ts,	for ber	Lots Tim- conly cres	Waste land Acres	i	I.	dle rop and cres
1929 1930 1931 1932 1933 1934 1935 1936 1937	8 8 6 8 6 6 4 6 6 3	5 5 5 5 5 5 5 8 0 3 7 4 3		6107 5525 5606 5513 5112 6261 6306 6240 5370		9 12 5 107 43 13 135 159		1071 1146 1145 1180 1127 1116 1094 1237 1275 1242		2	20 278 .17 .09 .91 .60 .7 .46 .31	489 533 625 612 650 497 309 282 412 406		1	179 43 228 169 711 234 386 384 563
10 Yr. Ave.	6	6	!	5788		48		1163			77	482			390

¹⁰ Y1. Ave. Acres - Spring Wheat 1 *Included in "All Tame Hay".

Popcorn 0 Flaxseed 0 Source: Iowa Department of Agriculture.

Pivision of Agricultural Statist (Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 12
LAND UTILIZATION AND YIELDS

Sherman Township

						CORI	1		OATS	3	WIN.	WIEAT		BARLEY	
	No. Farms	Acre in F	ages arms	Ave. Farm Size	Ac	res	Ave.		es 	Ave. Yld.	Acres	Ave. Yld.	Acr	es	Ave. Yld.
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	105 106 102 105 103 104 105 102 102	214 211 218 213 210 217 221 217 221 218	09 76 91 74 07 59	204 199 214 204 205 209 211 213 217 206	91 93 92 73 75 84 796 82	97 84 95 13 47 93 48	46 36 36 50 49 6 30 9 33 39	21 23 24 25 28 14 25 19 18 20	06 37 60 66 71 11	31 35 31 18 13 28 21 42 34	1824 1583 1457 830 888 1612 1919 1771 3507 2276	21 23 26 19 22 19 18 25 18	1 2 1 1 1 1 1	82 71 98 08 56 05 87 74 65	23 33 24 20 18 6 19 20 25 27
10 Yr.Ave.	104	216	53	208	85C)4	37	22	L8	29	1767	20	1	67	23
]	RYE		SO	YBE	ANS			GRAS	S SE	ED		TAME	HAY	
Year	Acre		Ave. Yld.	Acres	8	Ave Yld		mothy cres	Als	d & .Clo. res*	Sweet Clover Acres	Alfa Acr	lfa es*	H	Tame ay res
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	67 16 10 10 		12 13 17 13 	27 18 58 16 118 197 350 162 113 110		19 19 7 18 14 6 12 10 10		20 10 - 22 - 10 6	2 2 1 2	27 13 35 00 47 17 -	23 - 11 19 169	67 56 51 63 51 78 81 98 84 56	9 0 2 5 9 7 7 5	16 18 16 12 13 16 13	367 385 387 343 253 326 349 305
Year	Wi Ha Ac		Pas	All sture cres		All Other Crops	3	Bldg Feed I Highw Acre	ots,	Wood for ber	Lots Tim-	Waste land Acres	-	Id Cr La	lle op ind eres
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	8 7 2 4 5 5 4 5 4		50 51 55 43 57 56 52 48	284 016 .41 501 521 239 592 574 574		27 40 1 78 139 145 44 112		99 101 95 91 90 96 96 106 102	9 1 2 5 3 9 1 5	1. 2. 1. 3. 1. 1. 2. 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.	43 35 25 80 16 00 57 15	54 49 263 452 596 742 795 452 607 663		1 21 2 4	99 7 15 44 69 44 76 42 46
10 Yr.Ave	4.		51	84		59		99	7	1'	77	467		3	87

10 Yr. Ave. Acres - Spring Wheat 46 *Included in "All Tame Hay".

Flaxseed 3 Popcorn 1 Source: Iowa Department of Agriculture

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

			Acreage Ave			CC	RN		A,O	TS		WIN. WI	EAT		BARL	EY
	Year	No. Farms	i		Aves. Farm Size	Acr	es .	Ave.	Acre	s	Ave. Yld.	Acres	Ave.	Acr	es	Ave. Yld.
	1929 1930 1931 1932 1933 1934 1935 1936 1937	136 139 138 138 142 140 143 162 152	220 21 21 21 21 22 22 22	156 026 994 620 904 818 474 553 272 890	163 158 159 157 154 156 150 139 147 146	80 84 80 82 61 62 74	63 14 05 36 23 36 29 27 39	39 34 33 45 46 8 35 9 35 33	264 277 241 255 295 137 249 194 158	586213493	24 30 30 31 14 10 25 20 39 32	753 853 571 456 318 1273 1694 1909 3246	20 20 20 15 21 18 14 23 13 16	1 1 1	25 27 62 68 24 82 30 74 70 27	18 21 30 35 25 5 11 24 32 31
10	Yr. Ave	. 144	21	971	153	74	12	35	228	8	25	1293	17		19	22
	Year	Acres		Ave.	SO:		ve.		GR nothy cres	Re Als	SEE	Sweet Clover Acres	Alfa Acr	lfa	E	Y Tame Hay eres
	1929 1930 1931 1932 1933 1934 1935 1936 1937	28 13 7 10 26 24 412 139 151		8 9 8 13 17 13 21 16 17	48 43 12 35 110 105 79 100 81		10 9 25 24 7 15 10 13		16 10 10 42	6	71 30 68 .08 20 	17 15 36 - 25	55 55 55 56 76 6	51 48 08 09 95 23 38 95 20	2 2 1 2 1 1 1 1	21.90 25.36 2261 .986 2585 .502 .851 .970 .033
10	Yr. Ave	. 88		18	61		13		7		90	9	5	78	1	.899
	Year	Wil Ha <u>A</u> cı	ay	Pas	ll ture	C	All the cres	r Fe	Bldgs. eed Lo Highwa Acres	ts, iys	fo:	d Lots r Tim- r only cres	Waste land Acres		I	[dle Frop Jand Acres
	1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	2 2 5 5	21 7 26 25 39 -7 6	7	372 359 134 283 5214 997 197 1948 1486		28 6 8 4 3 165 8 355 260		911 847 940 1002 1067 1066 1157 1293 1185		43	20 8 5 42 35 - 5 18 -	174 402 35 109 156 14 45 266 500 266			157 - 10 140 54 237 257 142 256
10	Yr. Ave		20		283	t. (84		1072			ed in "	197			125

10 Yr. Ave. Acres - Spring Wheat 0
Popcorn 17 Flaxseed 12 Source

O *Included in "All Tame Hay".

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TAPLE 14 LAND UTILIZATION AND YIELDS

West Township

,					-								
				COI	N		O.ATS		WIN. W	HEAT	B.	ARLEY	
Year	No.	creage in Farms	Ave. Farm Size	Acres	Ave	I AL	res	Ave.	Acres	Ave. Yld.	Acr	es	Ave.
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	116 131 122 120 114 117 114	22875 22058 22298 22802 22563 22305 21754 22125 22185 22219	199 185 192 174 185 186 191 189 195 181	9471 941 9927 10651 10562 8021 8120 8983 8259	35 25 45 44 44 34 34 34 34		971 9684 9688 9839 976 9813 864 9003	29 32 33 18 11 27 23 42 31	1764 1280 977 800 611 1295 1615 1416 2699 2383	18 21 24 19 25 18 16 24 17	15 13 4 1 2 2 1	97724682	26 28 26 26 19 17 14 16 38 30
10 Yr. Ave	.119	22318	187	9233	35	2	1408	28	1484	19	51	6	25
Year	Acres	Ave.	Acres	,		imot Acre	hy Als	S SEE ed & .Clo. res*	D Sweet Clover Acres	Alfal Acre	fə.	HAY All T Ha Acr	y.
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	5 15 - 4 6 156 48 102 36	20 8 - 16 17 17 15 19 17	21 33 20 -		2 3 7 1 1 - 1	5 7 3 - 43 4		537 260 214 283 406 38	1 20	87 72 72 66 75 119 106 111 100	1692458355	25 20 21 20 22 15 15 16 14	12 42 01 89 65 51 95 69 08
10 Yr. Ave.	37	17	g		7	6		174	2	93	4		02
Year 1929 1930 1931 1932	Wild Hay Acre 18 15 20 20	Pas Ad	All sture cres 5327 4868 5182 4912	01 C1	ops res 59 71 60 21	Feed Hig Ac 1 1	gs., Lots hways res 136 024 048 117	, fo	d Lots r Tim- r only cres 280 155 42 90	Waste land Acres 165 313 102 128	-	Cr La <u>A</u> c	le op nd res 65 15 6 85
1933 1934 1935 1936 1937 1938	14 14 14 14		5032 3159 5029 5878 5549 4554	1	22 27 75 30 45	1 1 1 1	098 122 119 151 167 187		73 69 25 3 34	337 482 455 320		1 2 4	17 40 58 83 80 61
10 Yr. Ave.		es - Sni	5449		11		117		77	234			gl

10 Yr. Ave. - Acres - Spring Wheat 4 *Included in "All Tame Hay".

Popcorn 2l Flaxseed 7 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 15 LAND UTILIZATION AND YIELDS

Total Incorporated Town Data - Coburg, Elliott, Grant, Red Oak, Stanton, Villisca

f							GODA			~ A II	ac l	STATE TO	יות אותו	BARLEY		TV
	Year	No. Farms	i	reage in arms	Ave. Farm Size	Ac:	1001	lve.	Acre	CA.O	Ave.	Acres	Ave.		res	Ave.
	1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	99 96 87 78 91 90 84 88	й 4 3 4 4 4 4 4 4 4	6682 1402 1212 13976 1283 1707 1481 1571 1586 1552	57 46 48 46 55 50 54 53	1) 10 10 11 11 11 11	079 471 489 651 756 450 298 497 503	43 32 33 43 44 1 28 10 33 37	478 340 386 337 345 245 359 407 303	7	28 27 31 29 23 12 34 27 30 36	334 213 176 53 100 242 271 381 561 556	17 23 25 17 20 14 21 23 16	1 1 3 1 2 1	8092056159	25 28 25 17 9 20 23 36 40 16
1	O Yr.Ave.	89	Ц	15,45	51	1	555	35	340)	28	289	19	2	2	21
			RYE		S	OYBI	EANS		GE	RASS				TAM	E H	
	Year	Acre	- 5	Ave. Yld.	Acre	s	Ave. Yld.		nothy cres	Als	ed & .Clo cres*		Alfa.			Tame Hay eres
	1929 1930 1931 1932 1933 1934 1935 1936 1937	_	3	14 - 9 10 21 27	18 5 5		- - 18 20 4 - 14		10 - 28	נ	-37 21 - - - - - - - - - - - - - - - - - -	——————————————————————————————————————	18 20 17 13 18 25 22 21 17	1 6 7 6 7 8 1	333355	38 60 22 28 48 67 63 28 28 271
1	O Yr. Ave.	17	7	14	4		15	<u> </u>	4		20	1	19	4	3	57
	Year	I	ild Hay cres	Pas	all sture		All Other Crops	F	Bldgs. eed Lo Highwa Acres	ots, "ys	for	Lots Tim- only res	Wast lan Acre	d		Idle Crop Land Acres
	1929 1930 1931 1932 1933 1934 1935 1936 1937		3 - 15 15 19 - 4 20		2005 .659 .429 .281 .370 .787 .473 .691 .561		12 30 9 41 45 31 37 27 33 11		255 294 258 248 235 267 264 242 290 311			- 4 1 - 10 5 - 29	21 29 66 83 7 4			16 5 1 12 162 46 3
E	O Yr. Ave.	1	g		.580		28		266	No.		11.	28			26
1	.0 YrAve	ACT6	es	sprin	ig whea	τ	<u>l</u>	-		*Ir	iclud	ed in "	ALL Tal	me H	ay".	

Popcorn 34 Flaxseed 0 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 16
COUNTY LIVESTOCK NUMBERS
January 1

Year	All Cattle*	Wilk Cows	Horses	Mules	Sheep	Hogs
1870	4155	1345	1668	170	-	20894
1880	13425	4918	7965	706	417	44381
1890	39249	8571	121.81	707	2965	69497
1900	47357	8632	11350	653	1372	79079
1910	34615	6696	11999	951	3802	70329
1920	32792	5284	10415	1396	8523	78572
1925	32592	6810	9139	1271	1803	85348
1930	29906	7831	⁻ 7928	1356	6869	104829
1935	31541	8317	6666	1 131	575 ⁴	60500
1936	33716	7772	6506	1144	6028	72394
1937	30573	7831	6355	1064	6753	56705
1938	29067	7396	6020	899	5959	70235
1939	29862	7442	5623	1042	8567	76337

The figures in this table for the years 1870-1935 inclusive have been derived from the Federal Censuses for Iowa. These enumerations have been made as of different dates. Some enumerations were for a base date of January 1, others for a base date of April 1, and others for June 1.

The census enumerations made in 1920, 1925 and 1935 were for January 1. For comparability the enumerations made for the base dates of April 1 and June 1 were adjusted to an equivalent January 1 base. This adjustment procedure places the livestock data of the above table on the one inventory date of January 1.

The figures for 1936, 1937, 1938 and 1939 for all cattle and milk cows are estimates of the Division of Agricultural Statistics of the Iowa Department of Agriculture and those for horses, mules, hogs and sheep are adjusted state farm assessor's figures.

The adjusted county figures for horses, mules, hogs and sheep for the last four years in the table are more nearly accurate than those in Table 17 and comparison with these figures will provide an estimate of the bias displayed by the unadjusted state farm assessor's figures.

^{*}Includes Milk Cows.

TABLE 17 LIVESTOCK NUMBERS

The statistics in this table are biased downward. They are printed only to permit inter-township and inter-annual comparisons. Unless townships are equal in size, comparisons may not be directly made. It is assumed that individual assessors are subject to approximately the same bias. Compare Table 16 for the magnitude of the bias. Source: Division of Agricultural Statistics.

Iowa Department of Agriculture

TABLE 18
CREAMERY STATISTICS
1915-1938

Year	Number of Creameries in County	Butter Made Thous and Pounds	Butter Sold in Iowa Thousand Pounds	Butter Sold out of State Thousand Pounds
1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	1 1 2 2 2 2 2 3 3 3 3 3 3 3 3 2 2 2 2 2	71 174 164 161 155 425 261 274 362 454 447 580 750 827 800 682 688 754 865 686 505 539 519 762	18 73 - 13 1 167 176 36 65 225 176 159 177 238 331 427 543 593 559 686 105 210 477 750	53 101 94 39 76 85 297 229 248 421 555 594 459 242 157 159 205 400 340 34

Source: Division of Agricultural Statistics
Iowa Department of Agriculture.

TABLE 19 CHICKENS AND EGGS 1880-1935

Year	Chickens Number	Eggs Produced Dozen
1880	43,973	264,177
1885	105,256	297,829
1890	227,472	609,663
1895	166,553	699,037
1900	152,746	739,380
1905	177,762	732,609
1910	235,358	791,555
1915	223,737	999,533
1920	196,052	804,630
1925	214,950	855,164
1930	210,980	1,316,958
1935	182,800	1,331,985

Source: U. S. & Iowa State Census.

TABLE 20
HU: BER OF FARMS REPORTING SPECIFIED ITEMS

	Number				GRAIN	CROPS				
Year	of Farms	Corn	Oats	Winter Wheat	Spring Wheat	Barley	Rye	Buck- wheat	Soy-	Flax- seed
1930	1608	1520	1.234	. 504	9	146	21	0	15	O
1932	1.590	1505	11.07	579	0	147	15	1	14	2
1934	1620	1524	1015	698	4	51	44.	0,	69	1
1.936	1605	1515	1084	899	6	54	134	1/,	64	1
1938	1581	1495	1138	974	1.0	104	106	1/1	30	0
Average	1601	1511	1142	691.	6	100	64	0	43	1
					HAY CRO					
Year		Clover.			Grain				Other	Wild
	Pop-	and	Alfalfa	Sogre	Cut	Clover	Timothy	Sudan	Tame	Hay
		Timothy		bean	Green			Grass	Hay	
1.930	4	231	815	19	1/	647	139	5	60	43
1952	2	108	719	68	146	475	203	59	126	40
1934	0	104	913	174	239	217 ,	48	69	164	45
1956	3	541	1003	154	161	1/	$\frac{1}{1}$	1/,	62	40
1958	15	131	733	627	231	$\frac{1}{1}$	1/	$\frac{1}{1}$	116	35
Average	- 5	223	838	208	194	446	130	44	106	42
	G. TASS	SEED								
Year	Timothy	Clover	Sweet	All Pasture	Horses	Hules	Cattle	Sheep	Hogs	Sows for Sp.
	Ů	Alsilte	Ulover							Farrow
1930	1.6	141	1	1546	1/ 1/ 1/	1/ 1/ 1/	1/	$\frac{\frac{1}{1}}{\frac{1}{1}}$	1/	1205
1932	16	80	1	1514	1/	Ī/	$\frac{\frac{1}{1}}{1}$	1/	$\frac{1}{1}$.1206
1934	2	27	23	1610				Ī/		1108
1936	7	.19	. 8	1536	1318	$36\overline{4}$	1435	171	1285	1056
1938	8	16	54	1353	1273	516	1429	153	1298	1139
Average	10	5 5	17	1512	1298	340	1432	162	1292	1139
			ULPLENT			ř. I	SCELLANI	EOUS		
Year					Pota-			Waste-	Idle	Other
10011	Trac	Trucks	Autos	Radios	toes	Apples	and	land	Crop	Crops
	tors	5 0.01.15				1.2	Wood		Land	
1930	461	103	1363	1062	315	4	5 5	362	14	50
1952	451	117	1,345	832	333	20	39	234	25	62
1934	468	89	1587	948	312	5	33	279	899	75
1936	677	94	1.585	1166	620	44	54	272	328	175
1938	823	80	1331	1306	1/	1/	36	418	337	320
Average	571	115	1572	1063	395	18	43	313	321	136

^{1/} Not given in sources.

Source: Division of Agricultural Statistics.

Towa Department of Agriculture.

TABLE 21
FARM AND LAND TENURE

		OMNE	RS			PART-O	VNERS	
Year	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	618	39.3	90013	33.8	134	11.7	41121	15.4
1930	666	41.4	94990	36,2	164	10.2	36852	14.0
1932	632	39.7	92175	35.3	144	9.1	30421	11.6
1934	612	37.8	90361	34.5	111	6.9	23724	9.1
1936	621	38.7	90179	34.5	119	7,4	27514	10.5
1938	595	37.7	. 88437	33.7	120	7.5	27915	10.6
1928–38 Average	624	39.1	91026	34.6	140	8.3	31258	11.9
		TENA	NTS			T(TALS	
Year	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	769	49.0	135277	50.8	1571	100	266411	100
1930	779	48.4	130700	49.8	1609	100	262542	100
1932	815	51.2	138803	53.1	1591	100	261399	100
1934	896	55.3	147680	56.4	1619	100	261765	100
1936	866	53.9	144050	55.0	1606	100	261743	100
1938	866	54.8	146355	55.7	1581	100	262707	100
1928-38 Average	832	52.1	140477	53,5	1596	100	262761	100

Source: Division of Agricultural Statistics.

Iowa Department of Agriculture.

TABLE 22 YEARS OF TEMURE January 1, 1935

	Montrone	ry County	State of	Towa
	Number	Per Cent		Per Cent
Owners	of	of	of	0.2
	Farms	County	Farms	State
	2 202 2020	Total		Total
On present farm less than 1 year	30	5.1	4442	5.2
on present larm ross than I year	18	3.1	3198	3.8
2.years	27	4.6	3282	3.8
3 years	18	3.1	2857	3.4
4 years	20	3.4	3228	3.8
5-9 years	93	15.8	11726	13.8
10-14 years	81	13.8	11279	13.2
15 years and over	300	51.1	45076	53.0
· ·				
TOTALS	537	100.0	85088	100.0
·				
Tenan'ts				
				,
Δ.		. .		
On present farm less than 1 year	154	17.5	21-763	2011
l year	129	14.7	15053	15.9
2 years	95	10.8	11555	10.7
3 years	62	7.0	82 8 5	7.7
4 years	66	7.5	7564	7.0
5 years and over	374	42.5	43826	40.6
TOTALS	880	100.0	108046	100.0

Source: U. S. Agricultural Census.

TABLE 23 FREQUENCY DISTRIBUTION OF FARMS BY SIZE CLASSES

		% of	Total	•	•			18,22	5	\vec{c}	۰	0	•	•	•	۰	.32	.32	.25	.38	.32	.13	.13	.38		100,00
	1938	No. of	Farms	45	64	68	42	288	244	349	133	152	20	59	23	20	ເນ	വ	4	9	ಬ	82	Ω	9		1581
		% of	Total	9.	တ	4.30	9	9,3	တ	3,4	2	တ	9	£73	0		4	.31	•44	.19	•25	.25	0	•25		100,00
	1936	No. of	Farms	42	62	69	4.3	310	240	377	133	144	59	53	17	23	7	2	7	23	4	4	0	4,		1606
	_	% of	Total	۰	0	9		19.64	•	2	0	۰	•	•	۰	98°	.37	.49	.25	.19	•19	.25	0	.31		100,00
Farms	1934	No. of	Farms	45	70	65	38	318	247	363	133	149	57	67	20	14	9	ω	4	23	63	4	0	ശ		1619
Number of		% of	Total	5	9	0	2,39	9,3	53	2,0	2	₹,	0	0	ಬ	1.26	.19	.38	°19	.38	.25	.25	0	•25		100,00
Mur	1932	No. of	Farms	41	62	. 62	38	308	244	351	131	151	65	64	24	20	C2	9	23	9	4	4	0	4		1591
	,	% of	Total		0	•		∞	۰	2	۰	۰		۰	۰	•	. 44	• 75	.19	.25	.12	.50	0	•19		100,00
	1930	No. of	Farms	43	67	76	40	290	255	360	142	139	54	61	20	23	7	12	23	4	83	ထ	0	23		1609
		% of	Total		0	•	•	7	0	23	•	•		9		.70	• 38	°.76	.32	.26	0	,26	90.	•38		100.00
	1928	No. of	Farms	37	62	51	41	277	244	370	143	153	22	69	22	11	9	12	വ	4	0	4	٦	9		1571
300	ACLES	1	Farms		: 2	1	50- 39		14	150- 189	223	230- 269	- 30	310-349	. 38	- 42	- 46	- 50	- 54	50- 58	\sim	99 -	602 -029	710-over	Total	Farms

Source: Division of Agricultural Statistics. Iowa Department of Agriculture.

TABLE 24
AUTOS, TRUCKS, TRACTORS, AND RADIOS
1926-39

Year	Automobiles	Trucks	Tractors	Radios
1926	1783	219	233	686
1927	1808	221	276	908
1928	1817	225	326	999
1929	1861	231	363	1062
1930	1866	228	470	1120
1931	1746	199	489	1118
1932	1688	162	471	1096
1933	1539	121	452	842
1934	1606	100	469	868
1935	1571	92	491	960
1936	1586	92	593	1111
1937	1629	98	738	1234
1938	1571	94	830	1254
1939	1599	88	886	1350

Source: Division of Agricultural Statistics.
Iowa Department of Agriculture.

TABLE 25
ACREAGE CWNED BY CORPORATIONS
January 1, 1957

Township	Insur- ance Com- panies	Banks	Land & Mtg. Com- panies	Fed. Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpor- ate Owned
East	848	240	-	156	160		1484	7.34
s cott	1520	/. _			420	240	2130	9.71
Grant	400	40	-		e ro		440	1.96
Vest	1400	bed.	~	Pros	£:.0	138	1538	7.07
Washington	1865,	120	277	120	5.99	•	 2 382	10.74
Frankfort	452	1.60		-	P-9	320	93 2	4.09
Red Oak	519	240	-		¢.a	nes e		3,34
Carfield	580	180	Stark	EJ .	 320		-1080	5.06
Douglas	1360	640,	-	200	 395		2595	11,50
Pilot Grove	1328	_	Ra	 350	- 600		2278	9.50
Sherman	2154	504	L a	~	160		2818	1 c Oa
Lincoln	1279)		160	30	100	_	, ,	15.03
Halloo all	12733	1	100		***		15 1 -9	6.32
County Total	13705	2124	437	906	2055	778	20005	7.51

Sou ce: Department of Economics and Sociology.
Towa State College

TABLE 26
ACREAGE OWNED BY CORPORATIONS
January 1, 1939

Township	Insur- ance Com- panies	Banks	Land & Mtg. Com- panies	Fed. Land Banks	Joint Stock Land Banks	Others	Total	% Ferm Land Corpor- Owned
East	1148	240	S and	455	160	80	. 2083	10.50
Scott	1680	-	-	396	280	240	2596	11.57
Grant	400	40	-	dects	B*4	क्षण	440	1.96
West	1680			600	gang (138	1818	8.36
Washington	2164	120	page	420		-	2704	12.20
Frankfort	420	160	eus	ř.u	pulsa	320	900	3,95
Red Oak	519	240	-		-	noted	759	5.34
Garfield	740	180	ton.		320	ptide	1240	5.31
Douglas	2315	240		200	665	•••	3420	15,16
Pilot Grove	1608	4700	<u>.</u>	190	800	1	2598	10.83
Sherman	2454	504	-	£.0	70	••	3008	15.91
Lincoln	1655	230	107	06	es.	**	2072	9.31
County Total	16763	1954	107	1741	2295	778	" 23638	8.37

Source: Department of Economics & Sociology.

Iowa State College

TABLE 27
VALUE OF EARM LAND AND BUILDINGS
1880-1935

	Mimbor	"o4m.™	Tell and	ou Loy	Velue of	Value off La	Value of Land & Bldgs.
Year	of Farms*	of Acres*	of	of of Buildings	Land and Buildings	Per Acre	Per Farm
1880	1,794	229,193	ı	.1	5,326,378	23.24	2,969
1890	1,841	258,881	ı	1	8,671,195	33.49	4,710
1900	1.940	272,067	12,045,480	1,976,010	14,021,490	51.54	7,228
1910	1.766	266,403	29,355,145	3,923,580	33,278,725	124.92	18,844
1920	1,650	258,887	59,978,076	7,463,900	67,541,976	260.89	40,935
1925	1,626	249,992	36,694,283	8,774,275	45,468,558	181.88	27,963
1930	1,615	266,379	30,699,011	8,030,030	38,729,041	145.39	23,981
1935	1,677	264,830	ı	ž	21,824,564	82.41	13,014

Source: United States Census

*Differences in numbers of farms and acres reported in this table and in other tables in this bulletin are due to differences in sources of data.

TABLE 28
REAL PROPERTY AND MONEYS AND CREDITS TAXES
COLLECTIBLE IN 1939, FOR ALL PURPOSES
(Exclusive of Special Assessments)

	Cities and Towns	Rural Districts	Total for County
General State Tax Soldiers' Bonus Tax General County Tax Court Expense Tax Poor Tax Insane Tax, State Hospital Insane Tax, County Hospital County School Tax Soldiers' Relief Tax General County Bond Tax Court House Tax Emergency Tax Bovine Tuberculosis Eradication Secondary Roads - Construction Secondary Roads - Maintenance District School Tax City Tax Miscellaneous Taxes	\$ 8,940.84 3,382.32 6,705.63 1,685.36 6,705.64 447.04 - 1,117.62 268.23 8,538.52 - 4,470.41 - 2,235.22 8,373.09 112,018.88 59,545.58	\$ 30,842.44 5,542.96 23,132.01 5,813.75 23,131.83 1,542.13 - 3,855.29 925.27 29,454.56 - 15,421.25 - 7,710.62 75 147.65 133,016.60 - 1,117.33	\$ 39,783.28 8,925.28 29,837.64 7,499.11 29,837.47 1,989.17 4,972.91 11,193.50 37,993.08
Total	224,434.38	356.653.69	581,083.07*

^{*}Includes special one mill tax on moneys and credits for Soldiers' Bonus Bonds.

Source: 1939 Report,

State Board of Assessment and Review.

TABLE 29 NUMBER OF SCHOOLS BY TYPE

Type of School	Number of Schools						
19pc 01 30:1001	1928-29	1933-34	1938–39				
1. Kindergarten 2. 1 room rural elementary 3. 2 or more-room rural elementary 4. Elementary, not rural 5. Separately organized Jr. High 6. JrSr. High, one organization 7. Separately organized Sr. High 8. Regular High, 4 years or less 9. Junior College	- 73 - 12 2 - - 8 1	1 67 - 12 - - - 8 1	2 62 - 11 2 - 8 1	, , , , , , , , , , , , , , , , , , , ,			
Total Number of Schools	96	89	86				

TABLE 30 ENROLLMENT IN SCHOOLS BY TYPE

Type of School	Enrollment in Schools					
-0 F 1 0 2 3 0000 2	1928-29	1933–34	1938-39			
1. Kindergarten 2. One room rural elementary 3. Two or more-room rural elementary 4. Elementary, not rural 5. * Jr Sr. High, 1 organization 6. Regular High, 4 years or less 7. Junior College	19 1099 - 1872 89 1096 41	32 973 - 1806 - 1175 74	66 764 - 1418 296 1033 89			
Total Enrollment in all Schools	4216	4060	3 666			

*Includes enrollment for school Types 5, 6 and 7 in Table 29.

Source: Annual Report, State Department of Public Instruction.

TABLE 31 MILES OF ROADS BY TYPE January 1939

	Primary	Seconda	ary Roads	Total Mileage
Type of Surface	Roads Outside Corporation	County Truck	Local County	in Road System
Earth				
Unimproved	-	-	17.0	17.0
Improved		89,50	656.50	746.0
Surfaced				
Soil surfaced			-	-
Shale	-	* pus	-	-
Gravel		21.50	. game	21,50
Stone	t ⊷	9.0	2.50	11.50
Paved				
Bituminous	16.2	₩.	/ ÷ 🛥	16.2
Concrete	46.1		-	4 5 .1
Brick	-	•→		
County Total	62.3	120.0	676.0	858.30

Source: Annual Report, Iowa Highway Commission, 1938.



